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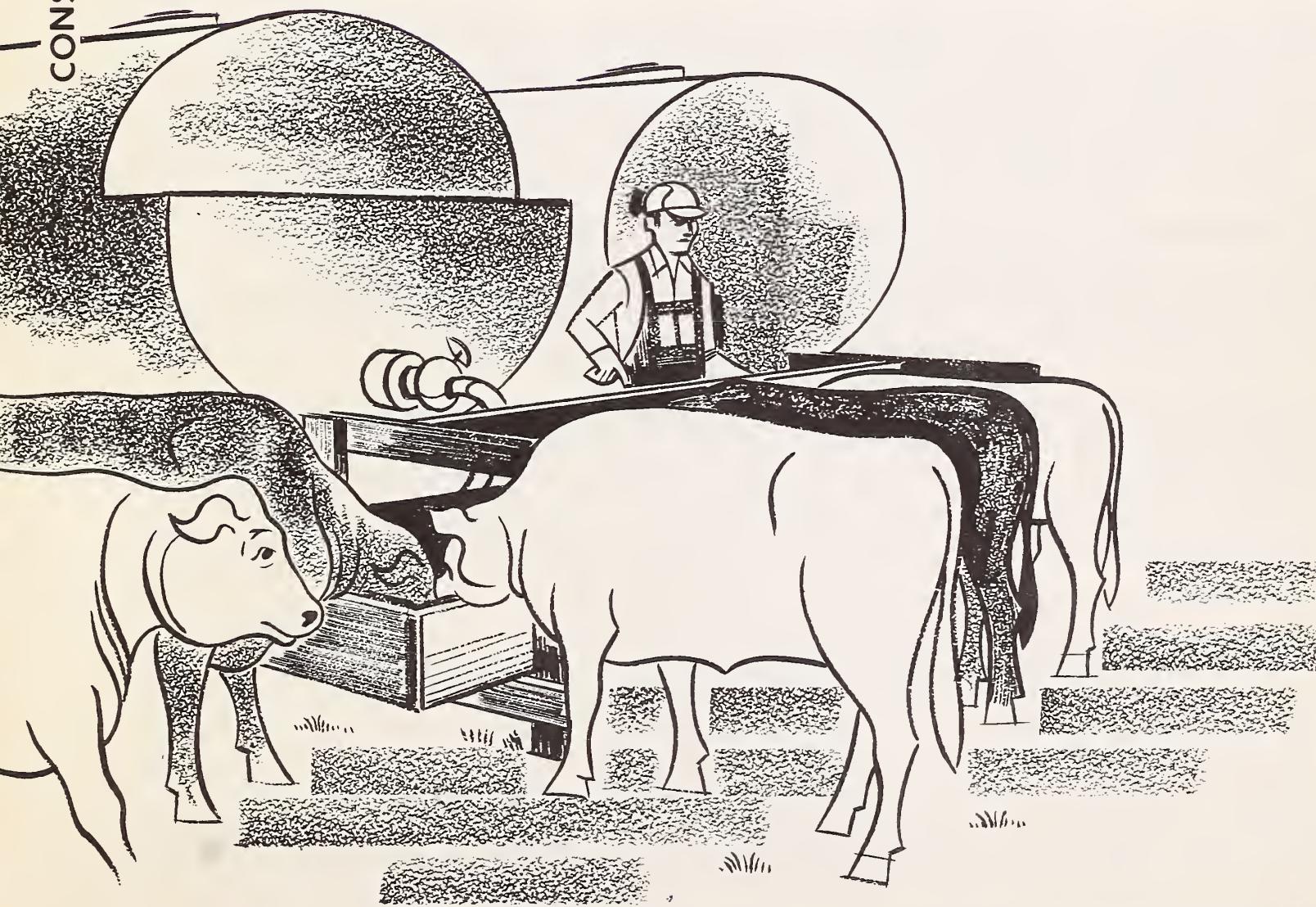
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Molasses MARKET NEWS



ANNUAL SUMMARY 1965

C&MS-2 (1965)

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MOLASSES MARKET NEWS - ANNUAL SUMMARY

HIGHLIGHTS OF 1965

Molasses prices followed a fairly steady trend during 1965 but their general level was somewhat below that of the previous year. Molasses prices were lower in relation to corn prices than at any time in the past 10 years. The 613 million gallons of molasses available for feed and industrial use in the United States was 4-1/2 percent smaller than in 1964. Nearly 60 percent of the supply came from domestic sources. Mainland production once again comprised a larger percentage of the total supply than imported molasses. U. S. imports of foreign molasses reached 268 million gallons -- a little more than the previous year. Exports of molasses from the United States were relatively small and sharply below a year earlier. Feed and industrial use of molasses ran about 28 million gallons less than in 1964.

PRICES

Cane Molasses

Prices of cane molasses held relatively steady at most of the principal markets during 1965. However, the general level of prices averaged 2-3/4 to 4-1/3 cents per gallon below 1964. It also was at the lowest point in five and a half years or longer at many terminals. Abundant supplies were a major price-depressing influence.

Weakness was more pronounced in the East and Midwest than in the Gulf area or on the West Coast. Competition was very keen in the East. Sellers in this area were forced to make price concessions on refiners' blackstrap and imported molasses in order to compete with volume discounts and freight equalization rates given on southeastern and Florida molasses.

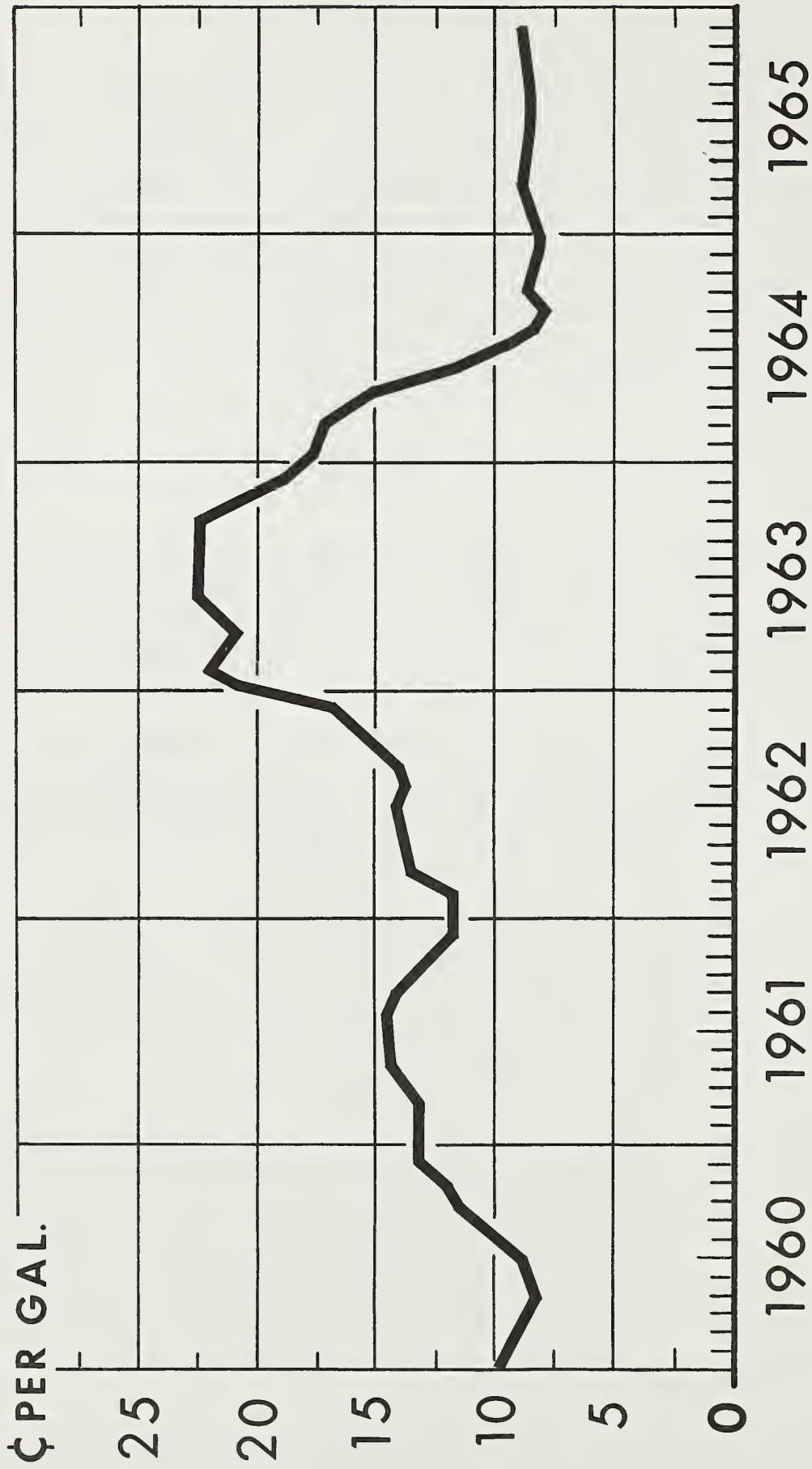
While the general level of prices for 1965 was off around 3-1/2 cents on an average, the year's closing prices were not down nearly as much. In fact, the markets actually closed firm to about a penny higher in the Gulf, Southeast, and at most midwest terminals. Cane molasses finished only about a cent per gallon lower on the West Coast and in the Southwest. In the East, however, prices ran 2 to 2-1/2 cents below 1964's closing levels.

Molasses prices followed a fairly uniform trend at most markets during 1965. They either held firm or strengthened gradually during the first five or six months of the year. There was a weaker undertone in the market for the next month or two when demand was seasonally low. Then, demand improved with the advent of the fall feeding season and prices resumed a steadily firming course for the balance of the year. Eastern markets were the major exception to this general price trend. Prices in this area declined gradually throughout most of the year. It was not until the final month or two of 1965 that prices in the East showed any strength.

The price relationship previously existing between the New Orleans market and Texas Gulf port terminals and eastern markets was somewhat different from most other recent years. Normally, prices at Texas Gulf and eastern points follow the trend of New Orleans prices. In 1965, however, Texas Gulf terminals

MOLASSES PRICES

F.O.B. Tank Car, New Orleans



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sold molasses at one price throughout the year regardless of the trend taken by the New Orleans market. This reflected to a large extent the practice of selling on a contract basis at Texas Gulf terminals. As stated earlier, price trends in the East were dominated more by competition from the Southeast and Florida than by what happened on the New Orleans market.

Beet Molasses

Prices of beet molasses, like cane molasses, displayed a generally steady trend throughout 1965. However, the general level of trading was below that of 1964. This was particularly true during the first seven months of the year. Average prices for 1965 were down \$5.38 per ton in the Colorado-Wyoming-Montana area, \$3.57 in the Denver area, and \$3.05 in the Oregon-Utah-Idaho-Missoula, Montana area. Ready availability of beet molasses and the lower market for cane molasses were weakening influences.

While the general level of beet molasses prices was down for the year, closing levels were not much different from a year earlier in most areas. At Denver, the ending price was \$2.00 per ton above the average of December the year before. Month-to-month price changes were very limited, reflecting the wide practice of selling a large share of beet molasses on seasonal or yearly contracts.

Citrus Molasses

Citrus molasses prices declined steadily during the first half of 1965, firmed up a little the next five months, and then turned downward again in the final month of the year. Although the closing level of prices was only \$4.75 per ton below the previous year, 1965's average price of citrus molasses fell off about \$10.00 per ton.

Production of citrus molasses almost doubled in 1965, and this exerted a certain amount of pressure on the market and prices. So did competition from cane molasses, particularly among cattle feeding outlets. Even though alcohol distillers normally take about two-thirds of the citrus molasses produced annually, producers had to make some price concessions in order to move 1965's large output.

Corn (Hydrol) Molasses

Prices of corn molasses showed the same general trend as other types of molasses. Prices averaged \$5.25 to \$6.00 per ton lower for the year at principal markets, but closing levels ran 75 cents to \$1.25 per ton above the year before. Month-to-month price changes were relatively minor as reflected in the overall stability of the market during 1965.

As in other recent years, the comparatively high cost of corn molasses in relation to other types of molasses resulted in less corn molasses going into feed use and more being taken by various manufacturing outlets, especially the pharmaceutical industry.

Table 1.--Molasses, blackstrap: Prices by months, f.o.b. tank car, 1961-65

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Cents per gallon--													
New Orleans													
1961													
1961	13.10	13.04	13.06	13.75	14.40	14.50	14.50	14.06	13.28	12.44	12.13	13.56	
1962	12.13	12.44	13.38	13.69	13.95	14.00	13.90	13.88	14.00	16.19	16.83	14.11	
1963	20.70	21.81	21.43	21.29	22.12	22.50	22.50	22.50	22.22	20.25	18.53	21.53	
1964	17.53	17.75	17.06	15.87	13.63	11.35	9.41	8.31	8.15	8.69	8.35	12.06	
1965	8.38	8.88	8.93	9.00	8.94	8.83	8.62	8.50	8.63	8.81	8.88	8.79	
Houston-Beaumont													
1961													
1962	12.75	12.89	13.32	13.33	13.35	14.01	14.63	14.52	14.50	14.13	13.73	13.34	13.85
1963	20.60	22.56	22.00	22.00	23.50	23.50	23.50	23.50	23.05	14.35	15.65	16.44	14.49
1964	19.00	18.50	17.35	15.50	13.40	11.38	11.00	11.00	11.00	11.00	11.00	11.00	22.34
1965	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	14.09
Corpus Christi													
1961													
1962	13.25	13.30	14.18	14.50	14.66	14.70	14.70	14.70	14.70	15.90	16.70	16.87	14.85
1963	20.82	23.00	22.20	22.20	23.17	23.50	23.50	23.50	23.10	23.10	21.12	19.38	22.42
1964	19.00	19.00	18.40	17.35	15.50	13.40	11.38	11.00	11.00	11.00	11.00	11.00	14.09
1965	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
El Paso													
1961													
1962	13.70	13.60	14.45	14.90	15.26	15.20	14.90	14.90	14.90	14.42	14.30	13.70	14.75
1963	18.40	19.60	19.40	20.44	21.47	22.05	22.05	22.05	22.68	15.50	15.50	15.98	15.32
1964	20.50	20.20	19.48	18.70	17.25	16.16	14.30	13.50	13.50	23.10	23.10	22.20	21.40
1965	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	16.17
										13.50	13.50	12.60	13.38

Mobile	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
1961	13.50	13.50	13.50	13.50	13.50	13.80	14.60	14.70	14.70	14.70	14.56	13.70	12.97	12.85	13.92
1962	12.70	12.79	12.79	12.79	12.79	13.75	14.20	14.38	14.50	14.50	14.39	15.30	16.35	17.17	14.54
1963	21.08	23.00	23.00	23.00	23.00	21.95	22.75	23.00	23.00	23.00	22.70	22.50	20.83	18.95	22.06
1964	18.20	17.83	17.83	17.83	17.83	17.40	16.40	14.08	12.23	10.09	8.96	8.35	8.68	8.75	12.46
1965	8.63	9.10	9.10	9.10	9.10	9.50	9.20	9.20	9.10	8.89	8.60	8.90	9.28	9.50	9.14

Savannah, Ga.-Wilmington, N. C.	
1961	13.75
1962	14.75
1963	15.44
1964	15.94
1965	16.33
1966	16.63
1967	17.00
1968	17.35
1969	17.75
1970	18.00
1971	18.25
1972	18.54
1973	18.81
1974	19.07
1975	19.35
1976	19.61
1977	19.81
1978	20.07
1979	20.35
1980	20.69
1981	21.19
1982	21.25
1983	21.54
1984	21.81
1985	22.00
1986	22.25
1987	22.50
1988	22.75
1989	23.00
1990	23.25
1991	23.50
1992	23.74
1993	24.00
1994	24.25
1995	24.50
1996	24.75
1997	25.00
1998	25.25
1999	25.50
2000	25.75
2001	26.00
2002	26.25
2003	26.50
2004	26.75
2005	27.00
2006	27.25
2007	27.50
2008	27.74
2009	28.00
2010	28.25
2011	28.50
2012	28.75
2013	29.00
2014	29.25
2015	29.50
2016	29.75
2017	30.00
2018	30.25
2019	30.50
2020	30.75
2021	31.00
2022	31.25
2023	31.50
2024	31.75
2025	32.00
2026	32.25
2027	32.50
2028	32.75
2029	33.00
2030	33.25
2031	33.50
2032	33.75
2033	34.00
2034	34.25
2035	34.50
2036	34.75
2037	35.00
2038	35.25
2039	35.50
2040	35.75
2041	36.00
2042	36.25
2043	36.50
2044	36.75
2045	37.00
2046	37.25
2047	37.50
2048	37.75
2049	38.00
2050	38.25
2051	38.50
2052	38.75
2053	39.00
2054	39.25
2055	39.50
2056	39.75
2057	40.00
2058	40.25
2059	40.50
2060	40.75
2061	41.00
2062	41.25
2063	41.50
2064	41.75
2065	42.00
2066	42.25
2067	42.50
2068	42.75
2069	43.00
2070	43.25
2071	43.50
2072	43.75
2073	44.00
2074	44.25
2075	44.50
2076	44.75
2077	45.00
2078	45.25
2079	45.50
2080	45.75
2081	46.00
2082	46.25
2083	46.50
2084	46.75
2085	47.00
2086	47.25
2087	47.50
2088	47.75
2089	48.00
2090	48.25
2091	48.50
2092	48.75
2093	49.00
2094	49.25
2095	49.50
2096	49.75
2097	50.00
2098	50.25
2099	50.50
2100	50.75
2101	51.00
2102	51.25
2103	51.50
2104	51.75
2105	52.00
2106	52.25
2107	52.50
2108	52.75
2109	53.00
2110	53.25
2111	53.50
2112	53.75
2113	54.00
2114	54.25
2115	54.50
2116	54.75
2117	55.00
2118	55.25
2119	55.50
2120	55.75
2121	56.00
2122	56.25
2123	56.50
2124	56.75
2125	57.00
2126	57.25
2127	57.50
2128	57.75
2129	58.00
2130	58.25
2131	58.50
2132	58.75
2133	59.00
2134	59.25
2135	59.50
2136	59.75
2137	60.00

Baltimore, Md. - Norfolk, Va.						
1961	.....	15.65	15.75	15.75	15.75	15.58
1962	.....	15.00	15.38	15.63	15.65	15.61
1963	.....	20.80	22.25	22.00	22.75	22.14
1964	.....	19.50	19.50	19.00	17.75	16.05
1965	.....	13.50	13.50	12.98	12.49	12.21

1/ Price basis: Tank truck.

(Continued on next page)

Table 1 - (Continued).--Molasses, blackstrap: Prices by months, f.o.b. tank car, 1961-65

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Cents per gallon--													
Philadelphia													
New York													
Boston													
Albany													
1961	14.75	14.75	14.75	15.19	15.50	15.50	15.50	15.50	15.50	15.40	15.25	15.17	15.23
1962	15.00	15.25	15.50	15.50	15.50	15.31	15.25	15.25	15.40	15.69	16.33	15.44	
1963	20.80	21.94	21.63	21.41	22.10	22.25	22.35	22.55	22.71	22.95	21.25	20.13	21.84
1964	19.50	19.50	18.75	17.19	15.45	13.38	13.00	13.07	13.35	13.18	13.00	12.74	
1965	13.00	13.00	12.75	12.56	12.10	12.44	12.10	11.81	11.55	11.50	10.95	11.00	12.01
1961	15.50	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.73
1962	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.87	16.00	15.78	
1963	20.80	22.13	22.00	22.00	22.75	22.75	22.80	23.00	23.00	23.00	21.25	20.13	22.13
1964	19.50	19.50	19.50	19.00	17.75	17.75	15.90	14.00	13.50	13.50	13.50	13.50	16.05
1965	13.50	13.50	13.50	13.13	12.85	12.50	12.44	12.25	12.25	11.88	11.10	11.13	12.50
1961	16.05	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.00	16.00	16.00	16.09
1962	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.31	16.83	16.10
1963	21.35	22.63	22.50	22.50	23.81	23.81	24.00	24.00	24.00	24.00	22.00	20.63	22.95
1964	20.00	20.00	20.00	19.50	18.25	18.25	16.40	14.50	14.00	14.00	14.00	14.00	16.55
1965	14.00	14.00	14.00	13.63	13.38	13.00	12.94	12.75	12.75	12.38	11.60	11.63	13.01
1961	16.05	16.25	16.12	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.04
1962	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.31	16.33	16.05
1963	21.35	22.63	22.50	22.50	23.81	23.81	24.00	24.00	24.00	24.00	22.00	20.63	22.95
1964	20.00	20.00	20.00	19.50	18.25	18.25	16.40	14.50	14.00	14.00	14.00	14.00	16.55
1965	14.00	14.00	14.00	13.63	13.38	13.30	12.94	12.75	12.75	12.38	11.60	11.63	13.03

	<u>Buffalo</u>					
1961	18.98	19.10	19.10	19.10	19.10	19.10
1962	19.10	19.10	19.10	19.10	19.10	19.10
1963	24.03	25.24	25.09	24.90	26.30	26.30
1964	22.30	22.30	22.30	21.80	20.55	18.70
1965	14.90	14.98	15.00	14.81	14.75	14.46

	<u>Toledo</u>					
1961	-	-	-	-	-	-
1962	19.10	19.10	19.10	19.10	19.10	19.10
1963	24.41	26.64	26.63	26.74	28.10	28.10
1964	24.10	23.40	23.20	22.39	19.13	16.64
1965	13.18	13.70	13.70	13.70	13.70	13.70

	<u>Cincinnati</u>					
1961	18.73	18.73	18.73	19.50	20.06	20.23
1962	17.70	18.23	19.10	19.50	19.70	19.70
1963	25.88	27.48	27.20	27.20	26.60	26.00
1964	23.03	21.10	20.98	19.44	18.03	15.39
1965	11.26	11.80	11.84	11.84	11.90	11.90

	<u>Minneapolis</u>					
1961	19.30	19.30	19.90	20.50	20.50	20.50
1962	19.30	19.45	19.90	19.90	19.90	19.90
1963	26.72	29.20	30.40	28.90	28.65	28.90
1964	26.00	26.00	25.16	23.89	22.01	19.28
1965	16.55	17.00	17.00	17.00	16.93	16.37

	<u>Chicago 1/</u>					
1961	17.00	16.85	17.46	18.00	18.43	18.17
1962	16.04	16.64	17.05	17.30	17.89	17.84
1963	25.68	27.13	26.75	26.03	26.25	26.49
1964	23.03	22.44	22.01	20.94	18.90	16.72
1965	13.28	13.55	13.61	13.70	13.62	13.45

1/ Price basis: Tank truck

(Continued on next page)

Table 1 - (Continued). -Molasses, blackstrap: Prices by months, f.o.b. tank car, 1961-65

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Cents per gallon--													
St. Louis													
1961													
17.20													
1962													
16.20													
1963													
24.56													
21.93													
1964													
12.59													
1965													
13.10													
13.14													
13.09													
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		Denver 1/				
1961	19.78	20.10	20.61	20.75	20.96
1962	20.20	20.54	21.07	21.30	21.60
1963	24.76	26.00	25.55	26.56	27.60
1964	1/	26.30	26.00	25.28	24.50	23.00
1965	1/	18.30	18.60	18.50	17.98	17.60

		Los Angeles				
1961	.....	14.78	14.90	14.90	15.08	15.05
1962	.....	13.70	13.85	14.45	14.90	15.26
1963	.....	18.40	19.60	19.60	20.44	21.48
1964	1/	20.55	20.25	19.56	18.80	17.33
1965	1/	13.55	13.55	13.55	13.55	13.55

		Richmond				
1961	.....	14.78	14.90	14.90	15.25	15.20
1962	.....	13.70	13.85	14.45	14.90	15.26
1963	.....	18.40	19.60	19.60	20.44	21.48
1964	1/	20.55	20.25	19.56	18.80	17.33
1965	1/	13.55	13.55	13.55	13.55	13.55

		Stockton				
1961	.....	14.78	14.90	14.90	14.90	14.90
1962	.....	13.70	13.88	14.40	15.00	15.33
1963	2/	18.47	19.65	19.65	20.43	21.56
1964	1/	20.55	20.25	19.56	18.78	17.11
1965	1/	13.55	13.55	13.55	13.55	13.55

		Portland, Ore.-Seattle, Wash.				
1961	.....	14.78	14.90	14.90	14.90	14.90
1962	.....	13.70	13.85	14.45	14.90	15.26
1963	.....	18.40	19.60	19.60	20.44	21.48
1964	1/	20.50	20.20	19.48	18.70	17.28
1965	1/	13.55	13.55	13.55	13.55	13.55

1/ Price basis: Tank truck and tank car.
2/ Price basis: Beginning April 1963 - tank car and tank truck.

Table 2.--Molasses, beet: Prices by months, f.o.b. tank car, 1961-65

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
-Dollars per ton--													
Denver													
1961													
27.00													
1962													
28.00													
1963													
32.00													
1964													
39.00													
1965													
26.00													
27.60													
28.00													
28.16													
28.00													
34.00													
35.00													
34.25													
31.60													
29.50													
37.80													
39.00													
26.00													
28.00													
28.00													
27.93													
28.40													
31.33													
36.09													
31.20													
27.63													

Colorado, Wyoming and Montana (except Missoula)

1	1961	26.50	26.50	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	28.58
1	1962	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.17
2	1963	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	33.43
2	1964	39.00	39.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	32.38
2	1965	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00

Oregon, Utah, Idaho and Missoula, Montana

1	1961	31.00	31.00	31.00	31.00	31.00	31.00	32.50	32.50	32.50	32.50	32.50	31.63
1	1962	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
2	1963	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	34.62
2	1964	38.00	38.00	36.00	36.00	35.50	35.50	34.00	34.00	34.00	34.00	34.00	33.46
2	1965	30.00	30.00	30.40	30.40	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.41

1/ Price basis: Tank truck and tank car.

2/ Price basis: April 9 through August 14 - tank truck.

Table 3.--Molasses, citrus and corn (hydrol): Prices by months, f.o.b. tank car, 1961-65

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Dollars per ton--													
Citrus molasses													
Florida Points													
Chicago													
Kansas City													
1961	21.00	19.66	19.50	19.62	20.10	20.50	20.50	20.50	20.00	20.00	20.00	20.00	20.12
1962	20.00	19.00	19.37	19.38	18.90	19.13	18.90	17.50	17.50	19.00	18.00	18.33	18.83
1963 ^{1/}	21.25	23.25	23.25	25.20	27.81	28.13	28.25	28.50	28.50	28.50	30.00	29.37	26.83
1964 ^{1/}	26.13	26.63	27.05	26.75	26.75	27.75	27.33	28.50	28.50	28.50	30.00	20.00	26.32
1965 ^{1/2}	19.37	18.69	17.50	15.13	14.00	14.00	15.75	16.00	16.00	16.00	16.00	15.25	16.14
Corn (hydrol) molasses													
1961	22.85	23.08	23.50	24.00	24.65	25.44	26.88	27.00	26.50	25.30	24.75	24.25	24.85
1962	24.25	24.25	24.56	25.00	25.00	24.75	24.50	24.63	24.75	25.85	27.25	29.00	25.32
1963	32.40	36.38	36.38	35.10	34.25	34.75	35.20	37.50	37.87	38.60	37.63	35.69	35.98
1964	33.88	33.63	32.90	31.38	28.94	25.33	21.56	19.84	19.60	19.50	19.50	19.50	25.46
1965	19.50	20.31	20.60	20.63	20.25	20.50	20.31	20.00	20.00	20.00	20.00	20.25	20.20

^{1/} Nominal August through October. ^{2/} Nominal August through November.

Table 4.--Price comparisons between molasses and No. 2 yellow corn at
New York, Chicago and Kansas City, 1956-65 1/

Year	:	New York		:	Chicago		:	Kansas City		
	:	Corn	Molasses	Differ-	Corn	Molasses	Differ-	Corn	Molasses	Differ-
	:	bu.	6½ gal.	ence	bu.	6½ gal.	ence	bu.	6½ gal.	ence
--Cents--										
1956	...	169.8	109.5	+60.3	145.2	130.0	+15.2	149.7	136.4	+13.3
1957	...	156.8	163.7	-6.9	129.2	199.3	-70.1	130.4	204.2	-73.8
1958	...	156.3	115.0	+41.3	125.5	123.1	+2.4	120.0	127.4	-7.4
1959	...	150.6	103.0	+47.6	122.5	107.1	+15.4	117.3	111.0	+6.3
1960	...	143.8	89.0	+54.8	115.6	92.9	+22.7	113.6	103.1	+10.5
1961	...	141.8	102.2	+39.6	113.1	112.7	+0.4	112.4	125.3	-12.9
1962	...	142.0	102.6	+39.4	112.8	117.8	-5.0	115.0	129.5	-14.5
1963	...	155.0	143.8	+11.2	126.0	170.8	-44.8	125.4	177.7	-52.3
1964	...	151.3	104.3	+47.0	125.1	111.1	+14.0	127.5	113.9	+13.6
1965	...	151.5	81.2	+70.3	130.2	88.5	+41.7	130.4	91.4	+39.0

MOLASSES AND CORN PRICES

The relationship between the cost of corn and the cost of molasses favored molasses more in 1965 than in 1964. 1/ In fact, molasses was in the best price position in relation to corn that it has been in during the past 10 years.

The cost of 6-1/2 gallons of molasses dropped 23.1 cents in New York, 22.6 cents in Chicago, and 22.5 cents in Kansas City. Meanwhile, the cost of a bushel of corn went up two-tenths of a cent in New York, 5.1 cents in Chicago, and 2.9 cents in Kansas City.

Thus, 1965 molasses costs averaged about 70 cents below the cost of corn in New York, nearly 42 cents less in Chicago, and 39 cents lower in Kansas City.

1/ A "rule of thumb" measure -- 6 1/2 gallons of molasses are about equivalent in carbohydrate value to one bushel of corn -- is widely used to compare the carbohydrate value of molasses and corn. This measure is based on experiments conducted to evaluate the energy produced from one bushel of corn and the amount of molasses required to produce the same amount of energy.

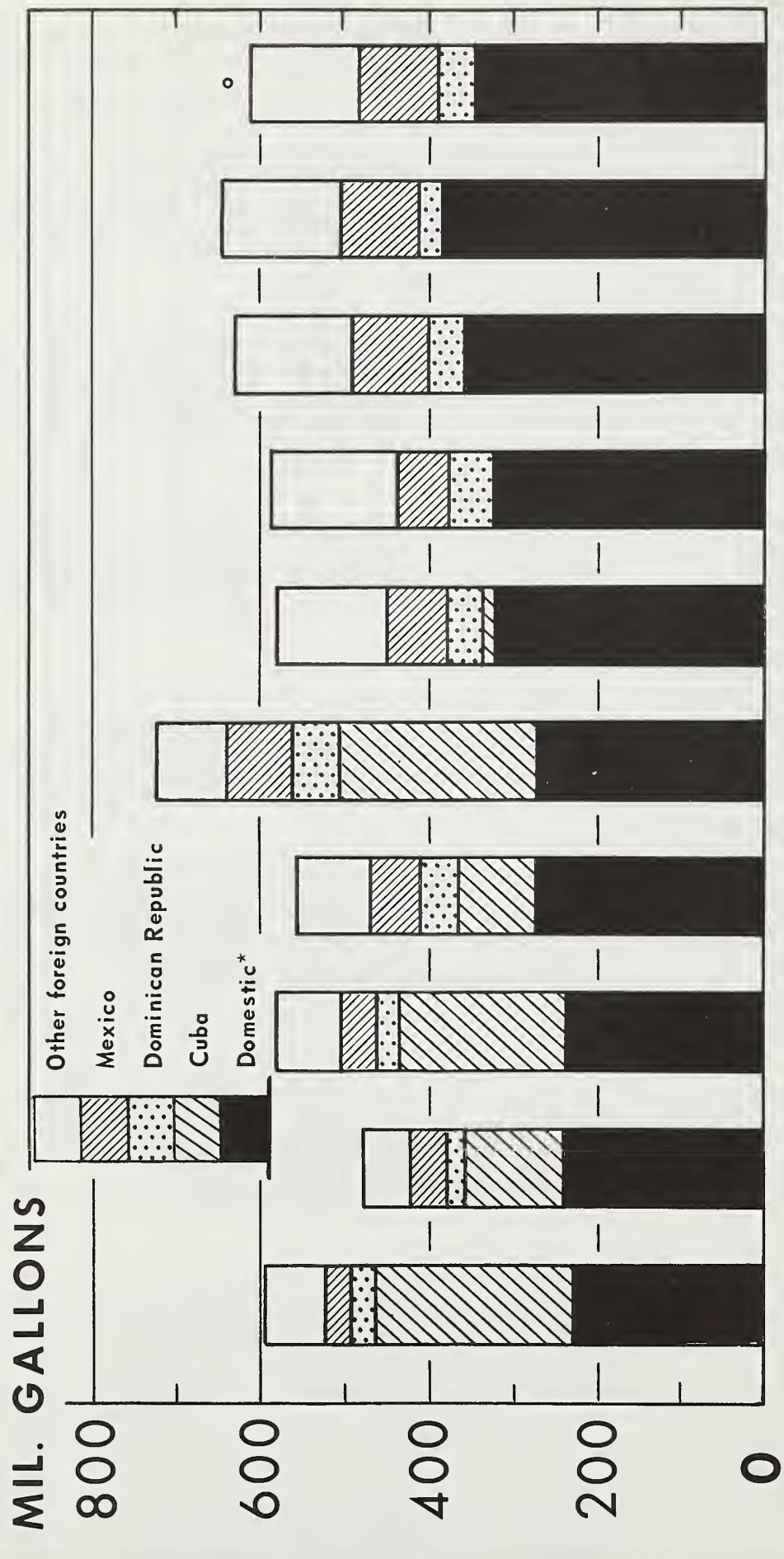
Table 5.--Molasses: Production, exports and shipments to the Continental United States from principal supplying areas, 1949-65

Year	Production: to United States:	Cuba		Puerto Rico		Hawaii	
		Exports	Production:	Shipments to United States:	Exports to other countries:	Production: to U. S. mainland	Shipments to other countries:
--1,000 gallons--							
1949	291,599	161,872	59,275	43,589	5,603	43,006
1950	262,365	186,784	49,522	31,224	6,658	41,381
1951	288,625	130,472	60,300	49,951	1,528	44,723
1952	397,900	186,676	69,800	52,252	4,021	44,041
1953	278,300	291,352	59,856	32,651	13,258	51,319
1954	367,754	202,940	61,600	37,558	7,923	51,759
1955	429,235	232,696	56,246	44,232	6,033	51,052
1956	324,460	232,329	56,899	34,726	6,765	52,644
1957	253,265	117,471	52,600	20,439	19,402	52,340
1958	310,600	188,428	56,800	26,611	10,157	52,768
1959	314,300	90,497	60,755	24,238	19,239	56,849
1960	287,206	228,643	58,474	30,289	15,162	50,817
1961	2/320,000	12,417	62,372	38,618	8,224	56,423
1962	2/210,000	3	56,200	27,471	13,014	57,372
1963	2/180,000	0	61,548	16,590	15,923	55,373
1964	2/174,300	0	64,563	18,190	20,144	57,688
1965	2/250,000	0	2/57,200	2/17,000	6,848	58,299

1/ Includes 131.7 million gallons of high-test molasses in 1954, 231.5 million in 1955, 111.4 million in 1956, 79.6 million in 1958, 4.8 million each in 1959 and 1960, and an estimated 2 million in 1961.
2/ Estimated.

Source: Bureau of the Census, Cuban Sugar Stabilization Institute, Association of Sugar Producers of Puerto Rico, California and Hawaiian Sugar Corporation, Ltd., and the Hawaiian Sugar Planters Association.

MOLASSES SUPPLY BY MAJOR SOURCES



U. S. DEPARTMENT OF AGRICULTURE

NEG. C&MS 19 - 66 (3) CONSUMER AND MARKETING SERVICE

FIGURE 2

SUPPLIES

Molasses supplies available for feed and industrial use in the Continental United States during 1965 were estimated at nearly 613 million gallons. This was some 28 million gallons, or about 4-1/2 percent, less than the previous year. Production of cane, beet, and hydrol molasses dropped off. Output of refiners' blackstrap molasses was about on a par with the year before, while production of citrus molasses almost doubled 1964's outturn. Although mainland production was down, it comprised for the third consecutive year a larger percentage of the total available supply than imported molasses.

Domestic Supplies

Some 347 million gallons of molasses -- nearly 57 percent of the total available U. S. supply -- was provided by domestic sources in 1965. This was almost 32 million gallons, or 8-1/2 percent, below the record 379 million gallons coming from domestic sources in 1964. Mainland production accounted for 278 million gallons of the 347-million-gallon domestic supply. The other 69 million gallons were shipped to the mainland from Hawaii and Puerto Rico.

Production of cane molasses by mainland sugar mills in 1965 was estimated at 86 million gallons. This was nearly 17 percent less than the record 103 million gallons produced the previous year due mainly to the smaller sugarcane acreage harvested. Beet molasses production was estimated at 112 million gallons -- about 10 percent less than the year before. Here, too, the decline was due largely to a reduction in acreage because sugar beet yield per acre was about the same as the previous year. Output of refiners' blackstrap molasses totaled around 45 million gallons, only slightly less than the year before. Production of citrus molasses reached 8.6 million gallons. This was almost twice as much as in 1964, with the increase due to the larger citrus crop. Production of hydrol molasses stood at nearly 27 million gallons, or about 11 percent less than a year earlier.

Hawaii produced a record-breaking 58.3 million gallons of molasses in 1965. This was some 600,000 gallons larger than the previous year's record and reflected the all-time high sugarcane production in Hawaii. Shipments from Hawaii to the mainland totaled just under 52 million gallons -- almost 780,000 less than in 1964. No Hawaiian molasses was exported to foreign countries for the sixth consecutive year. Molasses production in Puerto Rico in 1965 was estimated at about 57 million gallons -- some 7 million gallons, or 11 percent, less than in 1964. Shipments of an estimated 17 million gallons to the mainland ran slightly under the previous year's rate, while exports of 6.8 million gallons to foreign countries were only a third as large as a year earlier.

Imports

Molasses imported into the Continental United States from foreign countries during 1965 totaled 268 million gallons -- about 1.6 million gallons more than the year before.

Mexico remained the largest foreign supplier of molasses to the United States. Imports from Mexico totaled a record-breaking 95.6 million gallons, 9.2 million gallons or nearly 11 percent more than the previous year. Mexican

Table 6.--Feed and industrial molasses: Mainland production, inshipments, imports, and exports, 1954-65

Year	Mainland production						Offshore shipments to the mainland		
	Cane	Beet	Refiners ¹	Hydrol	Total	Hawaii	Puerto Rico	Total	
	1/	1/	black-strap	2/	2/	4/	4/	4/	
--1,000 gallons--									
1954...	46,050	52,351	31,836	8,804	17,873	156,914	46,530	37,558	84,088
1955...	49,187	52,061	32,954	8,422	15,502	158,126	50,413	44,232	94,645
1956...	38,067	51,955	40,303	7,878	16,851	155,054	49,401	34,726	84,127
1957...	42,532	63,171	39,370	10,474	16,249	171,796	54,140	20,439	74,579
1958...	40,300	67,324	40,012	6,328	20,336	174,300	43,974	26,611	70,585
1959...	42,826	76,920	40,333	7,669	21,494	189,242	60,239	24,238	84,477
1960...	46,686	79,079	40,686	5,155	23,324	194,930	49,692	30,289	79,981
1961...	60,075	98,211	45,812	5,949	23,153	233,200	50,653	38,618	89,271
1962...	65,274	96,643	47,132	9,581	23,595	242,225	54,911	27,471	82,382
1963...	89,876	124,602	47,605	5,396	27,939	295,418	51,563	16,590	68,153
1964...	103,287	3/125,000	45,402	4,469	29,992	308,150	52,653	18,190	70,843
1965...	3/86,000	3/112,000	45,111	8,564	26,740	278,415	51,861	17,000	68,861
U. S. imports									
Year	U. S. imports				Mainland exports		Available supplies		
	Cuba	Dominican Republic	Mexico	Other	Total	4/	4/	4/	4/
--1,000 gallons--									
1954...	202,940		23,516	37,810	76,142	340,408	4,843	576,567	
1955...	232,696		34,573	43,277	67,266	377,812	4,863	625,720	
1956...	232,329		31,652	29,820	58,288	352,089	879	590,391	
1957...	117,471		21,789	40,059	52,217	231,536	2,545	475,366	
1958...	188,428		24,761	46,539	74,580	334,308	2,166	577,027	
1959...	90,497		47,426	61,651	82,563	282,137	2,372	553,484	
1960...	228,643		62,281	75,635	83,087	449,646	3,032	721,525	
1961...	12,417		53,834	70,807	123,437	260,495	2,220	580,746	
1962...	3		51,705	63,987	148,368	264,063	2,265	586,405	
1963...	-		42,926	93,175	134,322	270,423	5,475	628,519	
1964...	-		32,591	86,404	147,426	266,421	4,339	3/641,075	
1965...	-		41,329	95,564	131,123	268,016	2,536	3/612,756	

1/ Year harvested basis.

2/ Prior to 1955 estimated by multiplying total domestic dextrose sales and exports by a constant, assuming 2.58 gallons of hydrol per 100 pounds of dextrose.

3/ Estimated.

4/ Do not include exports from Hawaii and Puerto Rico.

Source: Statistical Reporting Service, Agricultural Stabilization and Conservation Service, Bureau of the Census, Florida Citrus Processors Association, Hawaiian Sugar Planters Association, and Price-Waterhouse and Company.

molasses also accounted for better than a third of the total molasses imported into this country during 1965. The Dominican Republic also shipped more molasses to the United States in 1965 than the year before. Imports from the Dominican Republic amounted to more than 41 million gallons -- some 8 million gallons, or almost 27 percent, greater than in 1964.

Imports of molasses from other foreign countries showed several significant changes in 1965. Such regular suppliers as Jamaica, Mauritius, Peru, and the Philippines shipped considerably less molasses to the United States than they did in 1964. Imports from Haiti, Trinidad and Tobago, France, the Republic of South Africa, and Australia also dropped measurably. On the other hand, a much greater quantity of molasses was imported from Ecuador and Taiwan. Indonesia shipped a substantial amount of molasses to this country for the first time in several years. Imports from British Guiana, British Honduras, Guatemala, Mozambique, and Nicaragua registered moderate gains, too.

Three customs districts -- New Orleans, Galveston, and New York -- got nearly 60 percent of the total molasses imported into the United States during 1965. Although imports into New Orleans went up some 22 million gallons, the quantity imported into the New York and Galveston districts went down about 10 and 3 million gallons, respectively. Molasses imports into Los Angeles -- one of the other large importing districts -- were not much different from the year before. More molasses was imported into the Buffalo, Mobile, and Virginia districts than in 1964, but less molasses came into the Connecticut, Maryland, San Diego, and San Francisco districts.

Almost two-thirds of the molasses imported from Mexico came into the United States through three customs districts -- Galveston, Los Angeles, and New Orleans. Nearly a third of the Dominican Republic's shipments entered this country through New Orleans, and about half of the total was imported into New York, Philadelphia, and Mobile. Most Jamaican molasses came to New Orleans and New York. Most of the molasses imported from Caribbean, Central American, and South American countries entered the United States through Gulf Coast ports. Some molasses from Barbados, British Guiana, and Trinidad and Tobago, however, went to New York customs districts. Another major exception was Nicaraguan molasses. All of it was imported into West Coast customs districts. So was the molasses shipped from the Philippines. Most of the molasses imported from Australia and Taiwan came into Gulf ports, while shipments from Indonesia were divided rather evenly between Gulf Coast, New York, and West Coast customs districts. All of the molasses imported from Europe and Egypt came into the New York district, while the bulk of African molasses went to Gulf Coast ports.

Exports

Some 9 million gallons of molasses were exported from the United States in 1965. This was almost 16 million gallons less than the year before and was the lowest exports have been in many years. Nearly 7 million gallons -- about 73 percent of total U. S. molasses exports -- were exported directly from Puerto Rico. Only 2.5 million gallons were shipped from the mainland to overseas destinations. Most of this was exported through the Washington, Florida, and San Diego customs districts and went to the United Kingdom, the Netherlands, and Canada.

Table 7.--Molasses, inedible: U. S. imports by country of origin, 1961-65

Country of origin :	1965	1964	1963	1962	1961
--1,000 gallons--					
Australia	7,629	9,932	1,767	-	-
Austria	-	700	-	-	-
Barbados	5,577	4,926	4,398	5,532	2,331
Belgium & Luxembourg	-	754	-	-	-
Brazil	-	-	1,833	-	-
British Guiana	4,466	3,333	3,570	7,501	3,045
British Honduras	3,113	819	390	391	214
Canada	1,986	1,642	2,256	549	722
Colombia	2,439	-	-	-	-
Cuba	-	-	-	3	12,417
Denmark	-	2,164	-	-	-
Dominican Republic	41,329	32,591	42,926	51,705	53,834
Ecuador	9,863	2,270	6,813	4,010	1,232
El Salvador	1,648	953	1,286	-	-
France	9,617	10,524	9,390	9,319	23,927
French West Indies	3,399	3,813	6,511	8,053	8,805
Greenland	49	-	-	-	-
Guatemala	3,439	1,268	-	-	-
Haiti	4,264	5,375	3,530	4,176	5,394
Honduras	1,650	1,624	-	-	-
India	-	-	1,426	4,518	-
Indonesia	7,772	-	-	-	4,065
Iran	-	1,833	-	-	-
Jamaica	17,536	24,132	17,317	21,753	17,313
Japan	-	502	-	-	-
Kenya	801	2,594	-	-	-
Leeward & Windward Is. .	-	-	-	-	1,165
Malagasy Republic	-	-	-	1,613	1,564
Mauritius	3,301	11,919	7,567	13,353	7,476
Mexico	95,564	86,404	93,175	63,987	70,807
Mozambique	3,629	2,203	2,008	-	-
Netherlands	-	-	593	2,211	4,486
Nicaragua	3,737	1,920	4,517	3,172	1,704
Pakistan	-	1,886	-	1,774	-
Panama	-	2,353	-	-	-
Peru	4,897	12,934	21,243	19,228	9,201
Philippines	9,427	19,343	11,858	15,625	7,165
Poland	1,116	-	-	-	-
Rep. of South Africa	518	4,109	15,886	5,350	5,935
Rumania	-	-	-	-	8,886
Taiwan (Formosa)	8,985	2,893	-	719	590
Trinidad & Tobago	6,756	8,708	9,188	10,988	6,395
UAR (Egypt)	1,804	-	-	8,533	1,822
United Kingdom	1,705	-	103	-	-
Venezuela	-	-	872	-	-
Total	268,016	266,421	270,423	264,063	260,495

Source: Bureau of the Census

Table 8.--Molasses, inedible: U. S. imports by customs districts, 1961-65

Customs districts	:	1965	:	1964	:	1963	:	1962	:	1961
--1,000 gallons--										
Arizona	:	2,599		3,473		3,381		3,751		3,660
Buffalo	:	5,218		2,712		3,493		4,100		2,045
Chicago	:	-		9		-		-		-
Connecticut	:	1,500		2,654		6,402		3,779		14,683
Dakota	:	111		285		817		7		-
Duluth & Superior	:	-		-		208		-		-
El Paso	:	6,768		7,390		7,173		7,165		6,479
Florida	:	1,484		723		3,423		3,804		7,401
Galveston	:	37,354		39,977		35,863		35,140		26,743
Georgia	:	2,293		3,073		3,365		-		1,264
Laredo	:	871		-		79		102		1,427
Los Angeles	:	26,055		25,221		18,936		18,632		22,720
Maine & New Hampshire ..	:	213		345		406		133		75
Maryland	:	9,353		12,513		19,361		14,659		14,260
Massachusetts	:	-		4,154		2,617		3,474		2,309
Michigan	:	307		19		19		206		-
Mobile	:	12,115		5,503		9,193		8,405		5,580
Montana & Idaho	:	-		-		-		10		-
New Orleans	:	79,186		57,099		70,885		70,344		54,895
New York	:	42,483		52,231		43,045		54,680		66,606
North Carolina	:	3,567		4,313		3,460		2,749		4,716
Ohio	:	2,559		-		5,493		3,410		6,260
Philadelphia	:	11,552		11,811		10,316		7,658		5,539
Pittsburg	:	-		1,285		-		-		-
Sabine	:	1,410		2,071		1,582		2,168		1,951
San Diego	:	2,859		5,996		6,624		4,655		-
San Francisco	:	12,820		19,998		8,919		11,579		7,852
Vermont	:	719		838		466		45		-
Virginia	:	4,620		3,178		4,897		3,408		4,030
Total	:	268,016		266,421		270,423		264,063		260,495

Source: Bureau of the Census.

Table 9.--Molasses, inedible: U. S. imports by country of origin
and customs districts, 1965

Country	Arizona	Buffalo	Connecticut	Dakota	El Paso	Florida
--1,000 gallons--						
Australia	-	-	-	-	-	-
Barbados	-	-	-	-	-	-
British Guiana	-	3,071	-	-	-	-
British Honduras ..	-	-	-	-	-	-
Canada	-	930	-	-	-	-
Colombia	-	-	-	-	-	-
Dominican Republic :	-	-	1,500	-	-	1,484
Ecuador	-	-	-	-	-	-
El Salvador	-	-	-	-	-	-
France	-	-	-	-	-	-
French West Indies :	-	-	-	-	-	-
Greenland	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-
Haiti	-	-	-	-	-	-
Honduras	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-
Jamaica	-	-	-	-	-	-
Kenya	-	-	-	-	-	-
Mauritius	-	-	-	-	-	-
Mexico	2,599	-	-	111	6,768	-
Mozambique	-	-	-	-	-	-
Nicaragua	-	-	-	-	-	-
Peru	-	-	-	-	-	-
Philippines	-	-	-	-	-	-
Poland	-	-	-	-	-	-
Rep. of So. Africa :	-	-	-	-	-	-
Taiwan (Formosa) ..:	-	-	-	-	-	-
Trinidad & Tobago ..:	-	1,217	-	-	-	-
UAR (Egypt)	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-
Total	2,599	5,218	1,500	111	6,768	1,484

Source: Bureau of the Census

Table 9.--Molasses, inedible: U. S. imports by country of origin
and customs districts, 1965

Galves- ton	Georgia	Laredo	Los Angeles	Maine & N. H.	Maryland	Michigan
--1,000 gallons--						
-	-	-	-	-	952	-
-	-	-	-	103	-	-
501	-	-	-	-	-	-
1,790	-	-	-	-	700	-
-	-	-	-	79	-	307
-	-	-	-	-	-	-
-	2,293	-	-	-	1,980	-
6,858	-	-	-	-	-	-
609	-	-	-	-	-	-
-	-	-	-	-	-	-
903	-	-	-	-	-	-
-	-	-	-	-	-	-
3,439	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	2,787	-
801	-	-	-	-	-	-
-	-	-	-	-	-	-
10,363	-	871	22,618	-	2,934	-
1,398	-	-	-	-	-	-
-	-	-	2,344	-	-	-
3,357	-	-	-	-	-	-
-	-	-	1,093	-	-	-
-	-	-	-	-	-	-
518	-	-	-	-	-	-
3,106	-	-	-	-	-	-
3,711	-	-	-	31	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
37,354	2,293	871	26,055	213	9,353	307

(Continued on next page)

Table 9.--Molasses, inedible: U. S. imports by country of origin
and customs districts, 1965 (Continued)

Country	: Mobile	: New Orleans	: New York	: North Carolina	: Ohio	: Phila-delphia
--1,000 gallons--						
Australia	5,161	932	584	-	-	-
Barbados	-	2,914	2,000	-	-	560
British Guiana	-	-	894	-	-	-
British Honduras ..	-	623	-	-	-	-
Canada	-	-	-	-	-	-
Colombia	-	2,439	-	-	-	-
Dominican Republic :	5,915	11,987	6,651	-	718	6,851
Ecuador	-	1,617	-	-	-	-
El Salvador	1,039	-	-	-	-	-
France	-	-	9,617	-	-	-
French West Indies :	-	2,496	-	-	-	-
Greenland	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-
Haiti	-	4,264	-	-	-	-
Honduras	-	1,650	-	-	-	-
Indonesia	-	2,941	2,051	-	-	-
Jamaica	-	8,607	6,142	-	-	-
Kenya	-	-	-	-	-	-
Mauritius	-	3,301	-	-	-	-
Mexico	-	28,937	8,122	3,567	1,841	4,141
Mozambique	-	2,231	-	-	-	-
Nicaragua	-	-	-	-	-	-
Peru	-	1,540	-	-	-	-
Philippines	-	-	-	-	-	-
Poland	-	-	1,116	-	-	-
Rep. of So. Africa :	-	-	-	-	-	-
Taiwan (Formosa) ..:	-	2,707	-	-	-	-
Trinidad & Tobago ..:	-	-	1,797	-	-	-
UAR (Egypt)	-	-	1,804	-	-	-
United Kingdom	-	-	1,705	-	-	-
Total	12,115	79,186	42,483	3,567	2,559	11,552

Source: Bureau of the Census

Table 9.--Molasses, inedible: U. S. imports by country of origin
and customs districts, 1965 (Continued)

Sabine	San Diego	San Francisco	Vermont	Virginia	Total
--1,000 gallons--					
-	-	-	-	-	7,629
-	-	-	-	-	5,577
-	-	-	-	-	4,466
-	-	-	-	-	3,113
-	-	-	670	-	1,986
-	-	-	-	-	2,439
-	-	-	-	1,950	41,329
-	-	-	-	1,388	9,863
-	-	-	-	-	1,648
-	-	-	-	-	9,617
-	-	-	-	-	3,399
-	-	-	49	-	49
-	-	-	-	-	3,439
-	-	-	-	-	4,264
-	-	-	-	-	1,650
-	1,466	1,314	-	-	7,772
-	-	-	-	-	17,536
-	-	-	-	-	801
-	-	-	-	-	3,301
1,410	-	-	-	1,282	95,564
-	-	-	-	-	3,629
-	1,393	-	-	-	3,737
-	-	-	-	-	4,897
-	-	8,334	-	-	9,427
-	-	-	-	-	1,116
-	-	-	-	-	518
-	-	3,172	-	-	8,985
-	-	-	-	-	6,756
-	-	-	-	-	1,804
-	-	-	-	-	1,705
1,410	2,859	12,820	719	4,620	268,016

Table 10.--Molasses, inedible: U. S. exports by country of destination, 1961-65 1/

Country of destination :	1965	1964	1963	1962	1961
--1,000 gallons--					
Belgium & Luxembourg:	-	-	2,411	-	-
British Honduras:	4	-	-	-	-
Canada:	1,916	9,189	3,726	6,939	4,440
Denmark:	8	-	-	-	-
France:	-	-	-	-	4
Iceland:	16	122	149	170	30
India:	165	203	118	-	1
Ireland:	4	-	760	3	4
Israel:	-	183	-	-	-
Jamaica:	2	-	-	-	-
Japan:	401	623	813	1	-
Mexico:	6	42	4	48	28
Netherlands:	2,303	7,316	2,384	7,489	-
Netherlands Antilles:	6	-	-	-	-
Rep. of South Africa:	1	3	34	47	-
Saudi Arabia:	-	5	-	-	6
United Kingdom:	4,552	6,777	8,886	575	5,916
West Germany:	-	10	2,102	-	-
Other:	-	9	11	7	15
Total:	9,384	24,482	21,398	15,279	10,444

1/ Includes exports from Hawaii and Puerto Rico.

Source: Bureau of the Census

Table 11.--Molasses, inedible: U. S. exports by customs districts, 1961-65

Customs districts :	1965	1964	1963	1962	1961
--1,000 gallons--					
Buffalo:	-	85	-	12	79
Dakota:	65	-	-	3	-
Florida:	694	1,472	-	-	-
Laredo:	-	-	1	12	19
Massachusetts:	16	74	145	-	-
Michigan:	92	95	99	168	232
Montana and Idaho:	7	-	-	7	48
New Orleans:	-	183	-	-	-
New York:	185	221	169	222	58
Oregon:	46	-	-	-	-
Philadelphia:	-	49	-	-	-
Puerto Rico:	6,848	20,144	15,923	13,014	8,224
St. Lawrence:	-	19	-	-	33
San Diego:	405	348	3,140	36	3
San Francisco:	15	326	188	1	-
Washington:	1,011	1,466	1,729	1,798	1,740
Other:	-	-	4	6	8
Total:	9,384	24,482	21,398	15,279	10,444

Source: Bureau of the Census

Table 12.--Molasses: Estimated utilization, United States, 1954-65

Year	Industrial			Mixed feeds		Total utilization
	Distilled: spirits 1/	Yeast, citric acid: and vinegar	Pharmaceuti- cals and edi- ble molasses	Total	direct feed- ing and silage 2/	
--Million gallons--						
1954	87.8	60.0	10.0	157.8	418.8	576.6
1955	121.3	65.0	12.0	198.3	427.4	625.7
1956	111.9	70.0	14.0	195.9	394.5	590.4
1957	59.2	70.0	14.0	143.2	332.2	475.4
1958	61.7	70.0	15.0	146.7	430.3	577.0
1959	35.3	71.0	15.0	121.3	432.2	553.5
1960	69.0	74.0	3/ 37.0	180.0	541.5	721.5
1961	8.5	70.4	47.1	126.0	454.7	580.7
1962	5.7	79.8	38.7	124.2	462.2	586.4
1963	5.0	85.0	40.0	130.0	498.5	628.5
1964	6.2	90.0	47.0	143.2	497.9	641.1
1965 4/	15.1	100.0	50.0	165.1	447.7	612.8

1/ Includes molasses used in making ethyl alcohol, butyl and acetone prior to 1959. 2/ Molasses utilized in feeds is a residual item, calculated by subtracting molasses used industrially from total mainland supplies without considering changes in stocks. 3/ Pharmaceutical utilization not considered prior to 1960. 4/ Estimated.

UTILIZATION

Almost 613 million gallons of molasses were estimated to be available for feed and industrial use in the United States during 1965. This was about 28 million gallons, or around 4-1/2 percent, less than in 1964.

Molasses used in the production of distilled spirits in the Continental United States in 1965 totaled 15 million gallons -- more than twice as much as in 1964 and the most for this purpose since 1960.

About 100 million gallons of molasses -- 10 million more than the year before -- were estimated by the trade to have been used in the manufacture of yeast, citric acid, and vinegar. Pharmaceutical and edible molasses manufacturers used an estimated 50 million gallons, or about 3 million more than in 1964.

Thus, based on the foregoing utilization estimates and not considering actual changes in molasses stocks (which are unavailable), almost 448 million gallons of molasses were available for direct feeding to livestock or in the manufacture of livestock feeds. This was about 50 million gallons less than the previous year and was the least for any year since 1959. (Trade estimates indicate that about 5 percent of the molasses used in livestock feed is converted to dried molasses. Most of this is manufactured and used in the Midwest.)

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